

Amendment to the Abstract:

Please amend the Abstract as shown below. No new matter has been added.

A magnetic bridge power sensor including a magnetic bridge having plural ~~that includes: a magnetic circuits 1 having two ends where magnetic circuits 21a and 21b each having two ends, one of the two ends of each of the magnetic circuits 21a and 21b being is connected to one of the two ends of the magnetic circuit; magnetic circuits 22b and 22a each having two ends, one of the two ends of each of the magnetic circuits 22b and 22a being connected to and the other end of the magnetic circuit 1, the other ends of the magnetic circuits 22b and 22a being connected to the other end of the magnetic circuit. circuits 21a and 21b, respectively; a magnetic circuit 2 having two ends, Additionally, the two ends being are also connected to a connection point between each the magnetic circuit 21a and the magnetic circuit 22b and to a connection point between the magnetic circuit 21b and the magnetic circuit. circuit 22a, respectively; , an excitation coil 3 provided to be able to generate a magnetic flux in one of the magnetic circuits, [[2;]] and a magnetic flux detection coil 4 ~~provided to be able~~ to detect the magnetic flux in one of the magnetic circuits [[1]]. A current, which is obtained by subjecting a current proportional to a voltage on a measurement target power line [[5]] to at least one of an intermittent processing and an inverting processing, is carried to the excitation coil [[3]]. The current of the measurement target power line [[5]] is carried to a detection target current conductor [[5a]]. An output of the detection coil [[4]] is synchronously detected by a signal having a phase synchronized with a cycle of the intermittent processing or the inverting processing at a frequency twice as high as a frequency of the intermittent processing or the inverting processing.~~